

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032482.D
 Acq On : 1 Feb 2018 2:48
 Operator : SJ/JU
 Sample : J1383-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218

Quant Time: Feb 01 04:48:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

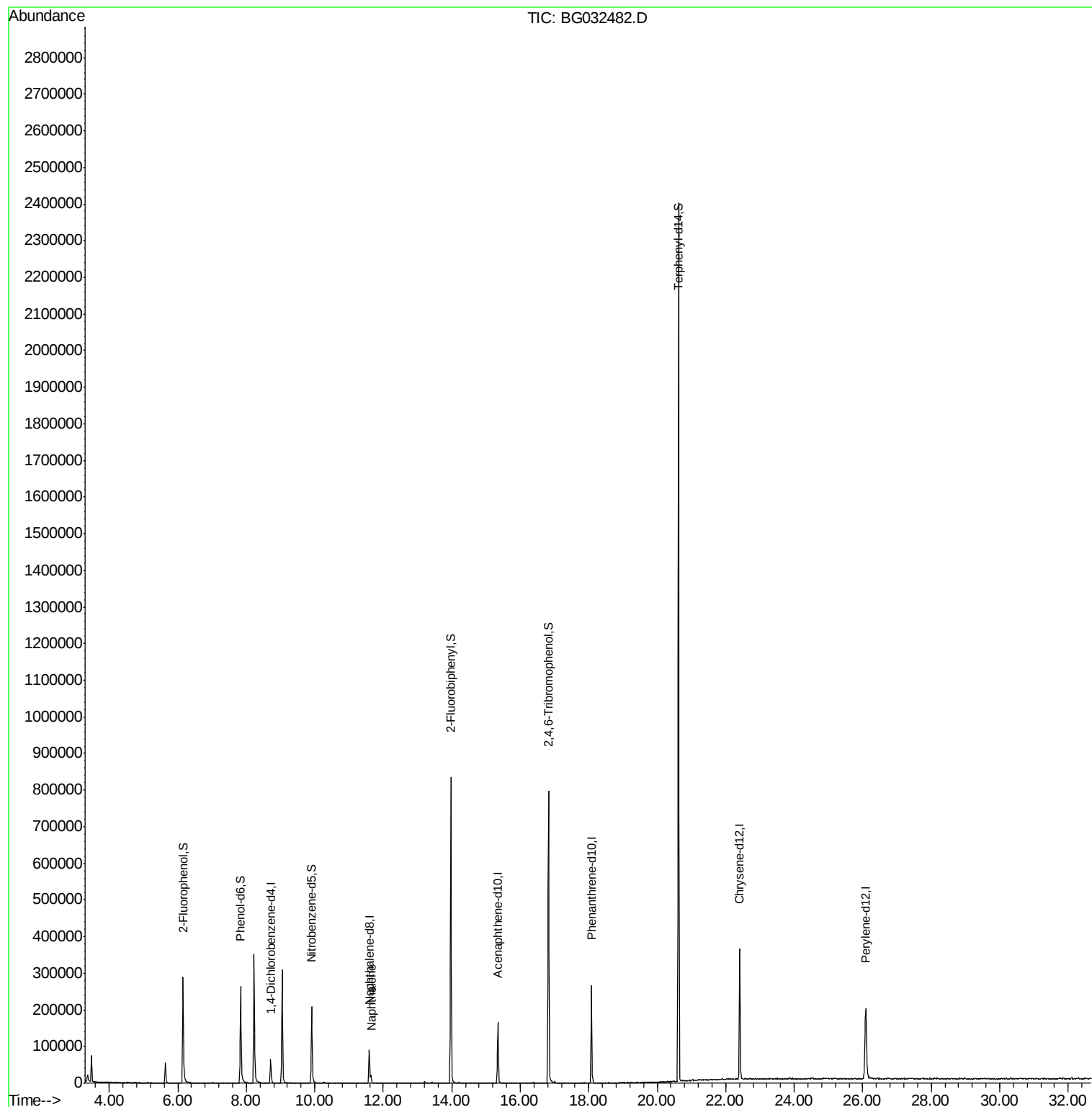
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	23916	20.00	ng	-0.02
21) Naphthalene-d8	11.59	136	97346	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	69449	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	194847	20.00	ng	0.00
75) Chrysene-d12	22.41	240	267049	20.00	ng	-0.01
86) Perylene-d12	26.08	264	281219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	162968	136.87	ng	0.00
7) Phenol-d6	7.84	99	184576	116.17	ng	0.00
23) Nitrobenzene-d5	9.91	82	142843	91.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	200665	151.79	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	524512	89.77	ng	-0.01
78) Terphenyl-d14	20.62	244	1238411	99.34	ng	0.00
Target Compounds						
31) Naphthalene	11.64	128	21214	4.462	ng	Qvalue # 93

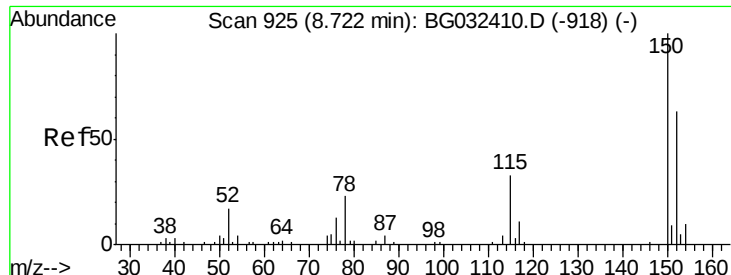
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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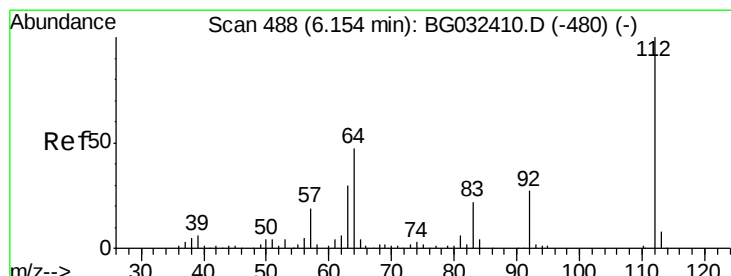
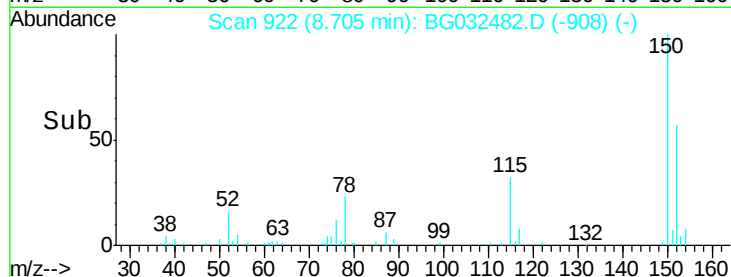
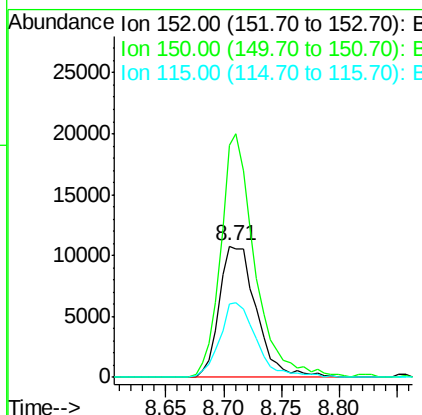
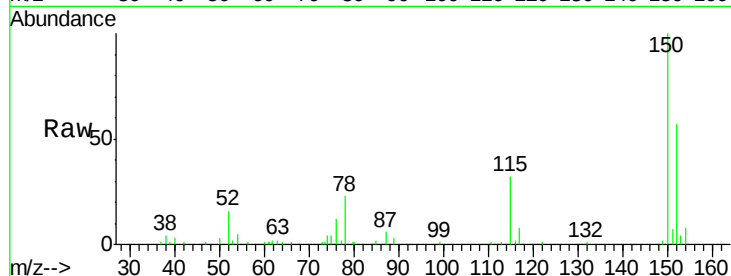


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Instrument :
BNA_G
ClientSampleId :
VNJ-218

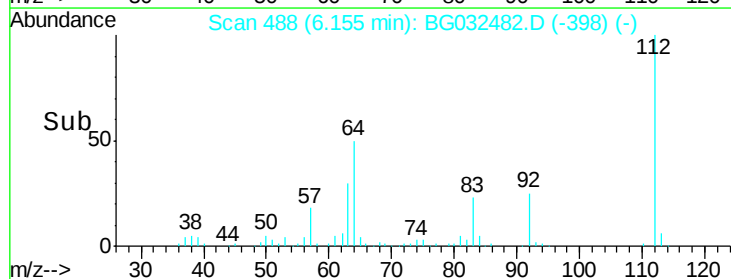
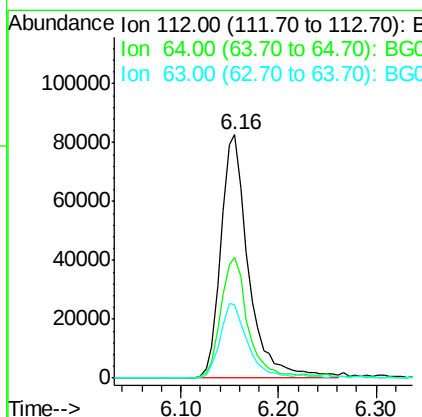
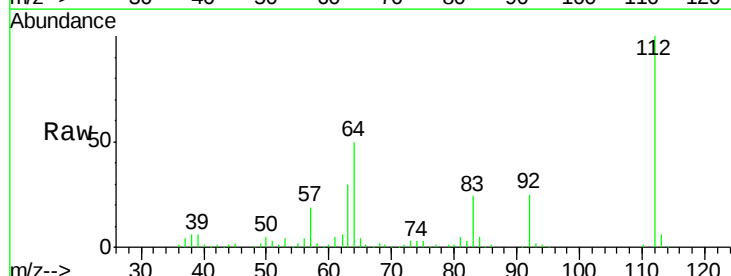
Tot Ion:152 Resp: 23916
Ion Ratio Lower Upper
152 100
150 176.6 126.6 189.8
115 56.2 53.0 79.4

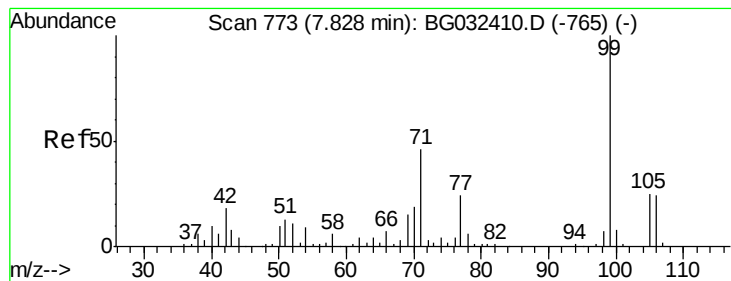


#5

2-Fluorophenol
Concen: 136.867 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Tgt Ion:112 Resp: 162968
Ion Ratio Lower Upper
112 100
64 49.7 56.3 84.5#
63 30.4 30.1 45.1





#7

Phenol-d6

Concen: 116.166 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032482.D

Acq: 1 Feb 2018 2:48

Instrument :

BNA_G

ClientSampleId :

VNJ-218

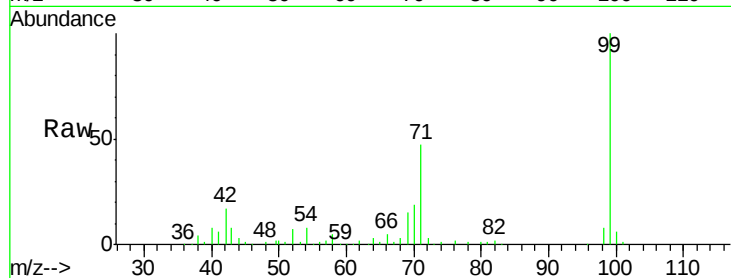
Tot Ion: 99 Resp: 184576

Ion Ratio Lower Upper

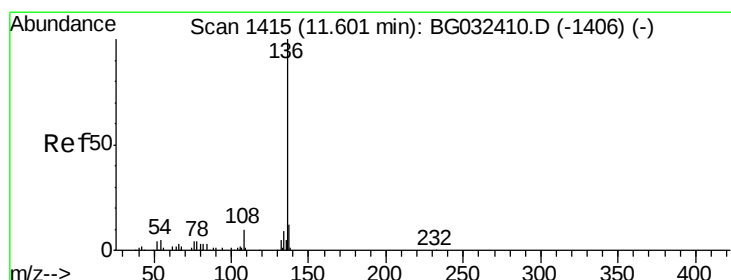
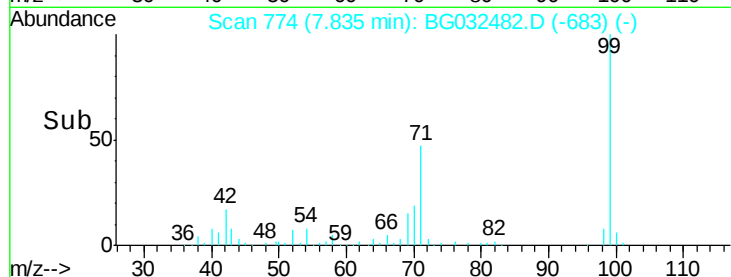
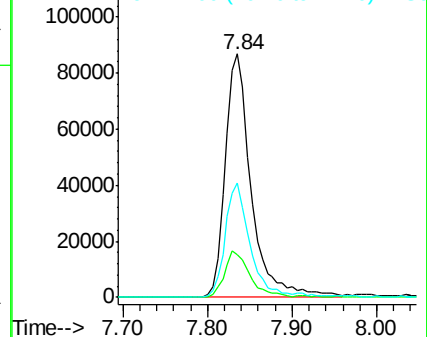
99 100

42 17.4 14.1 21.1

71 47.2 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032482.D

Acq: 1 Feb 2018 2:48

Tgt Ion: 136 Resp: 97346

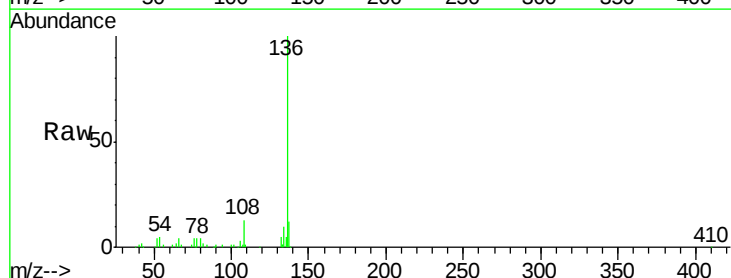
Ion Ratio Lower Upper

136 100

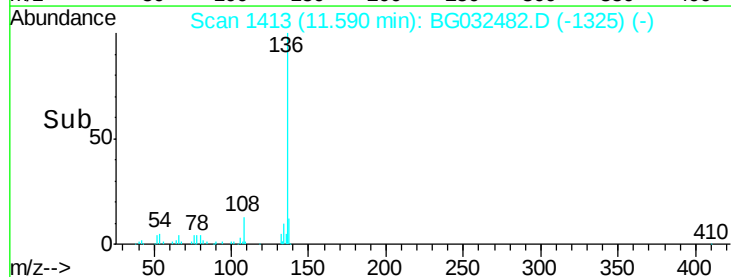
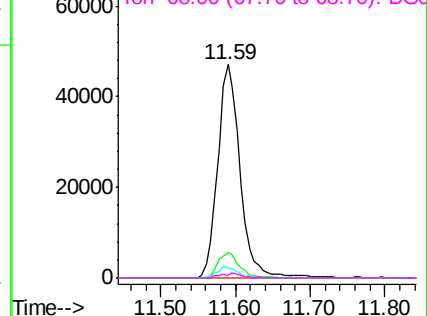
137 12.0 9.2 13.8

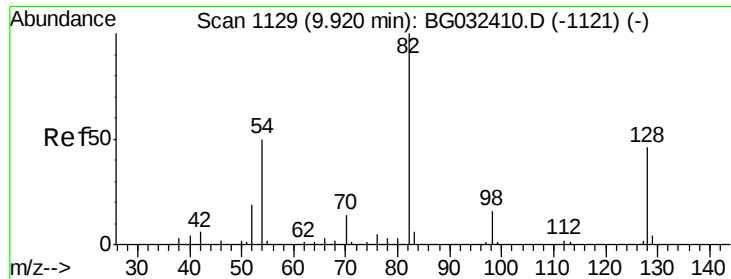
54 4.9 10.3 15.5#

68 1.5 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

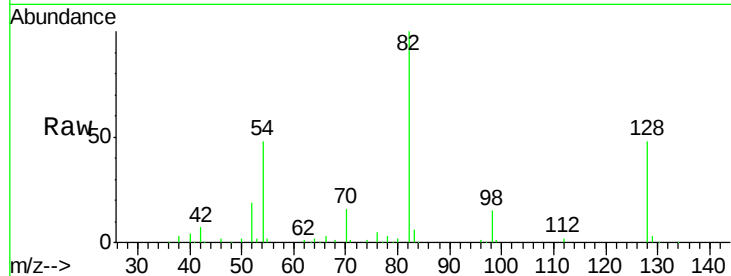




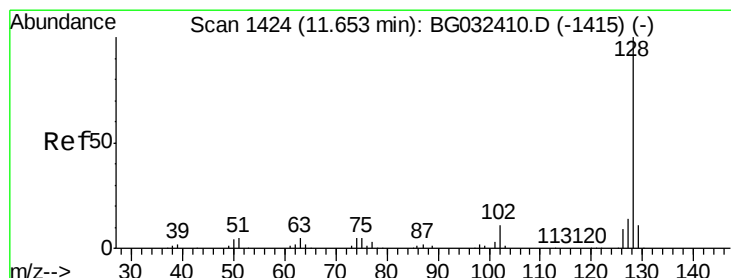
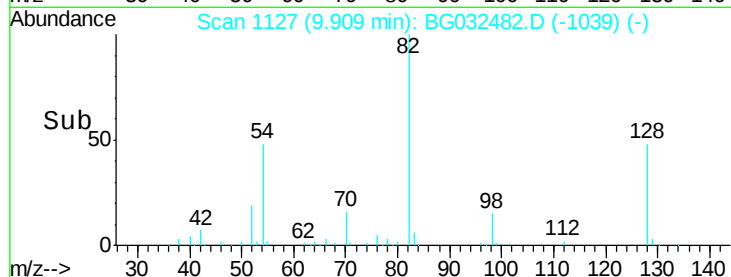
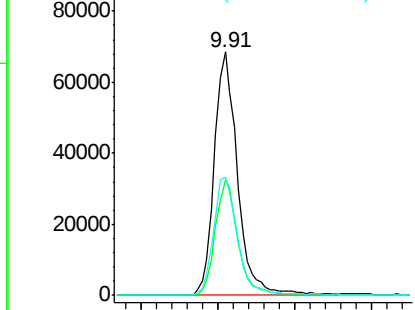
#23
Nitrobenzene-d5
Concen: 91.653 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Instrument :
BNA_G
ClientSampleID :
VNJ-218

Tot Ion: 82 Resp: 142843
Ion Ratio Lower Upper
82 100
128 47.6 29.7 44.5#
54 48.4 43.1 64.7

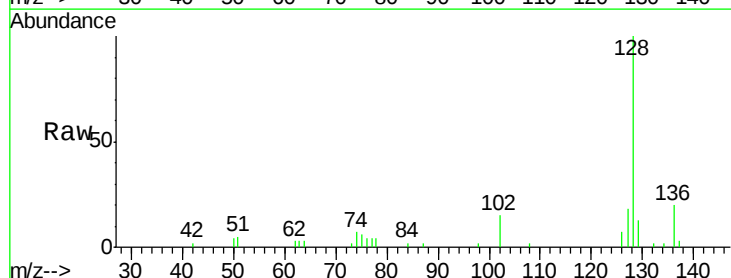


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

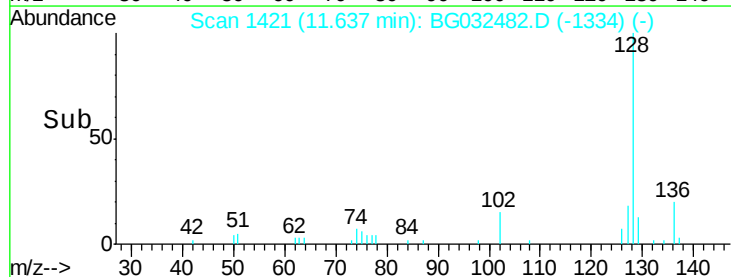
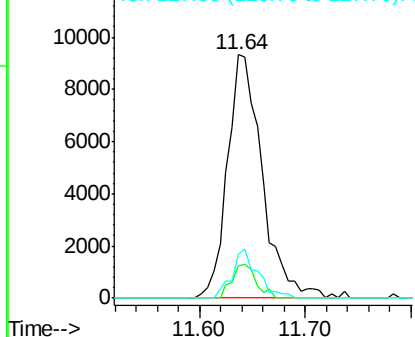


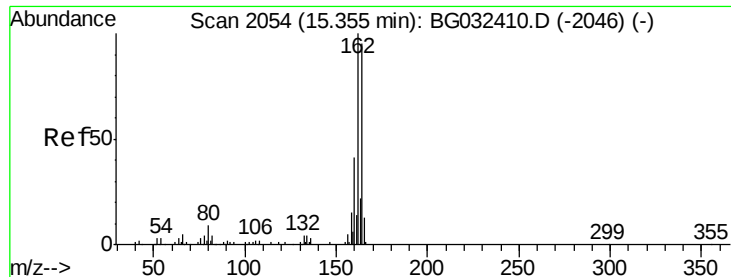
#31
Naphthalene
Concen: 4.462 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Tgt Ion: 128 Resp: 21214
Ion Ratio Lower Upper
128 100
129 13.1 8.6 12.8#
127 17.9 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032482.D

Acq: 1 Feb 2018 2:48

Instrument :

BNA_G

ClientSampleId :

VNJ-218

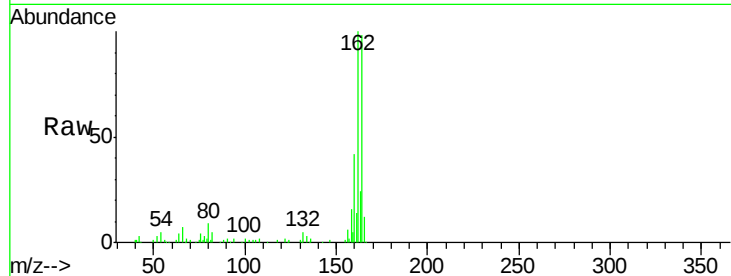
Tot Ion:164 Resp: 69449

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

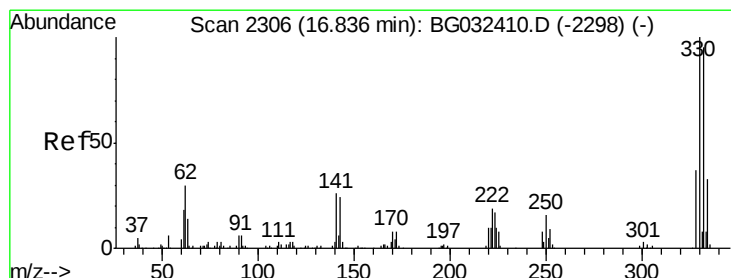
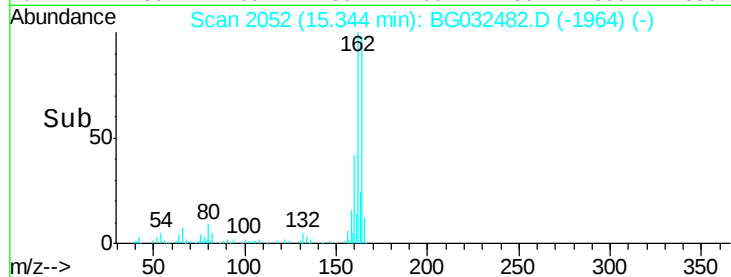
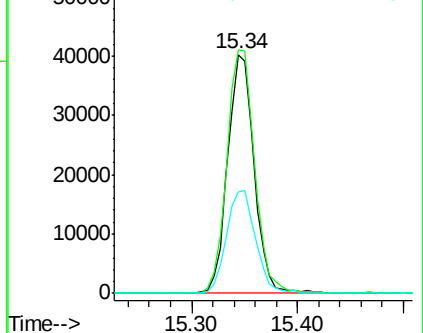
160 42.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 151.793 ng

RT: 16.82 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032482.D

Acq: 1 Feb 2018 2:48

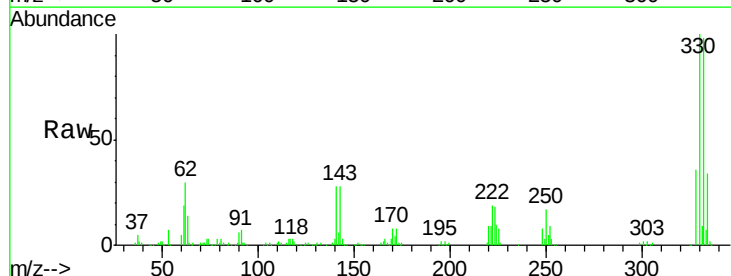
Tgt Ion:330 Resp: 200665

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

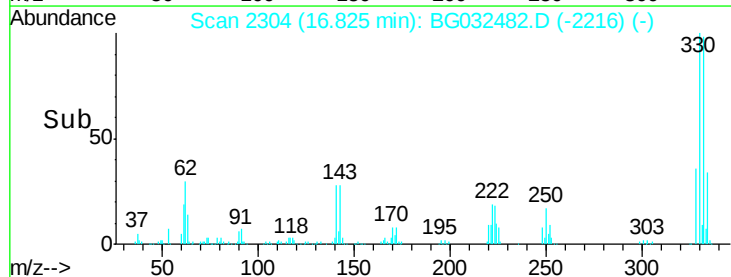
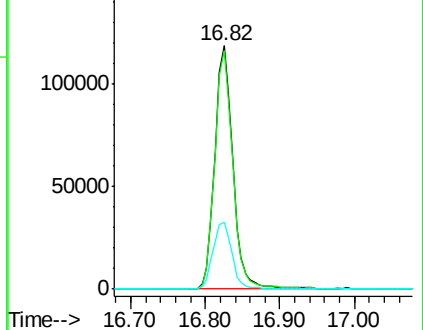
141 28.6 25.2 37.8

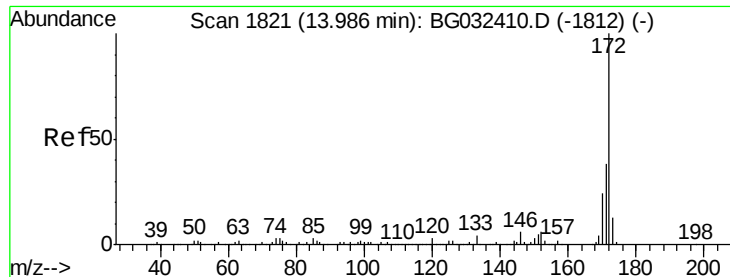


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

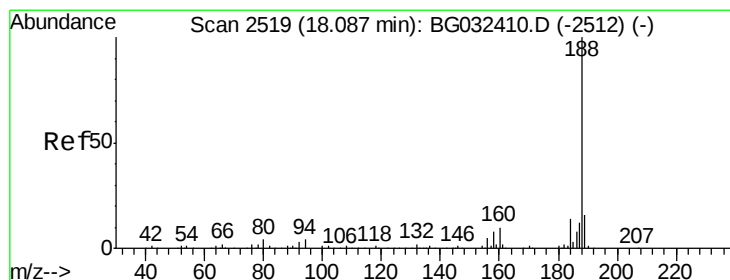
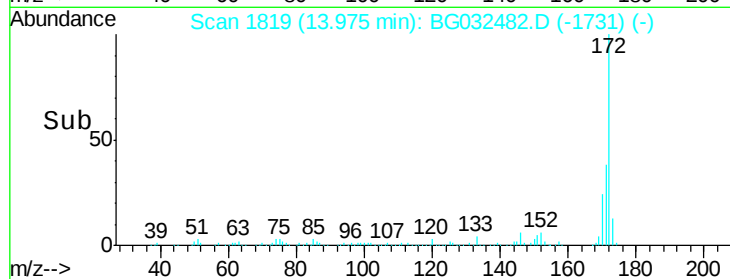
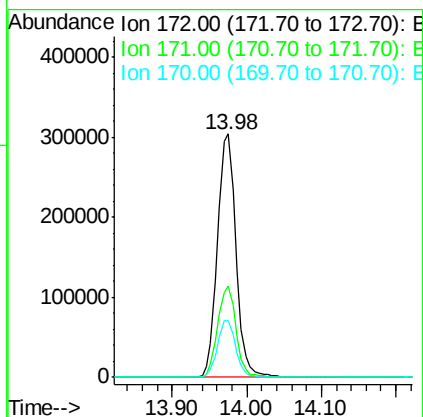
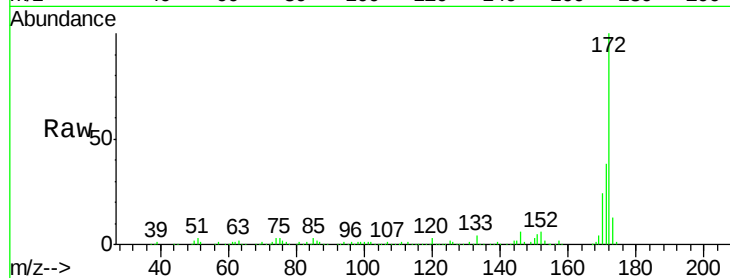




#44
 2-Fluorobiphenyl
 Concen: 89.766 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032482.D
 Acq: 1 Feb 2018 2:48

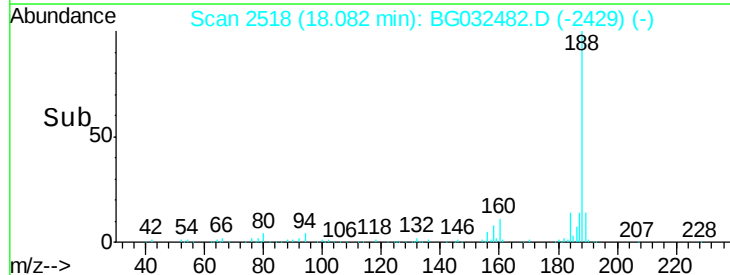
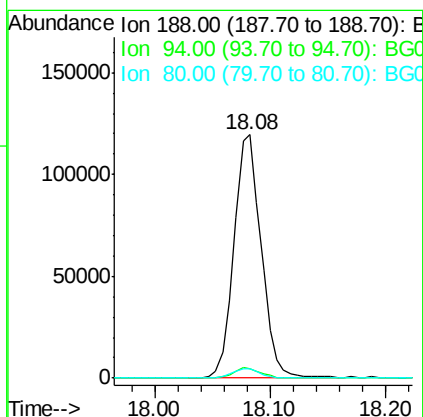
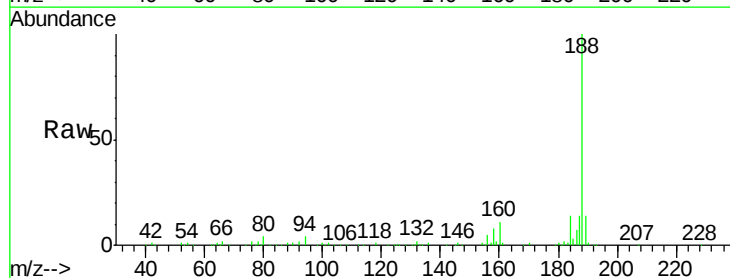
Instrument :
 BNA_G
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 VNJ-218

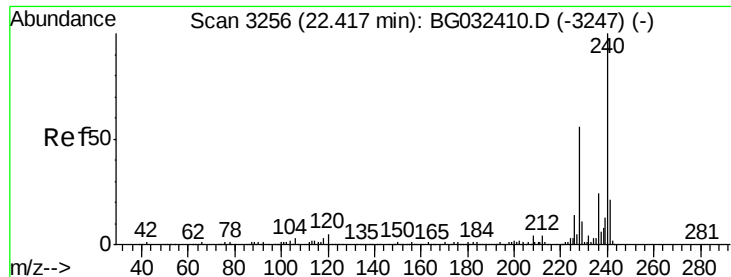
Tot Ion:172 Resp: 524512
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.5 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG032482.D
 Acq: 1 Feb 2018 2:48

Tgt Ion:188 Resp: 194847
 Ion Ratio Lower Upper
 188 100
 94 3.7 6.9 10.3#
 80 3.8 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032482.D

Acq: 1 Feb 2018 2:48

Instrument :

BNA_G

ClientSampleId :

VNJ-218

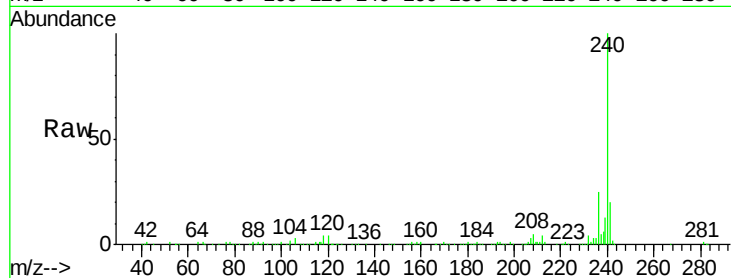
Tot Ion:240 Resp: 267049

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

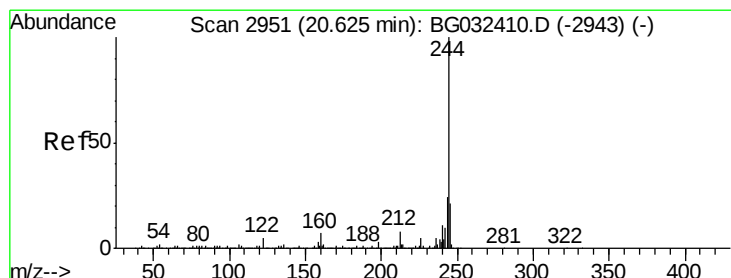
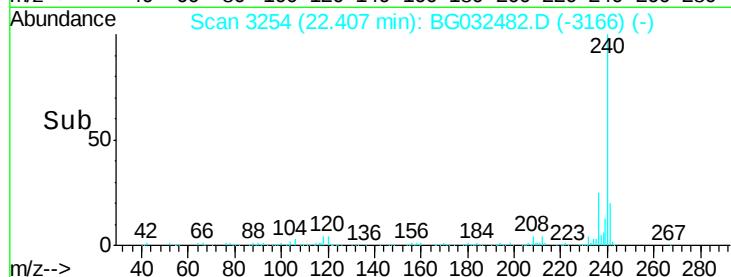
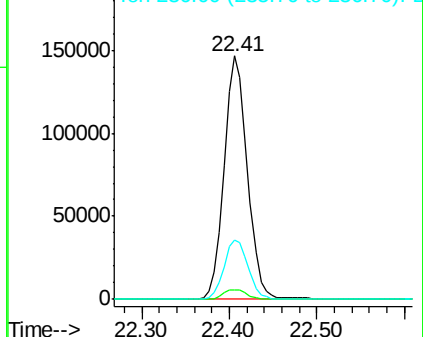
236 24.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 99.337 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032482.D

Acq: 1 Feb 2018 2:48

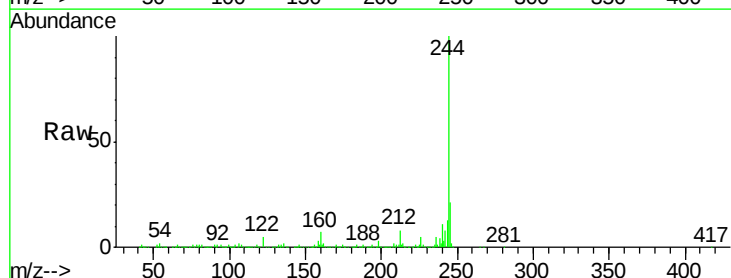
Tgt Ion:244 Resp: 1238411

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

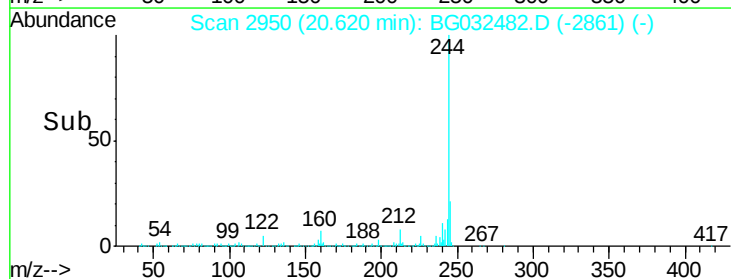
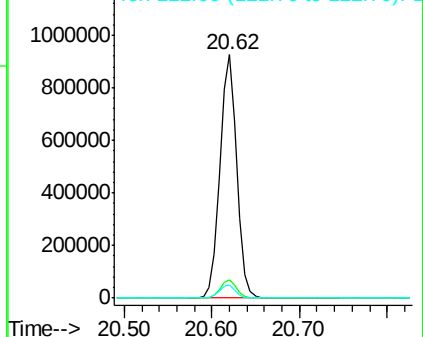
122 5.2 7.0 10.4#

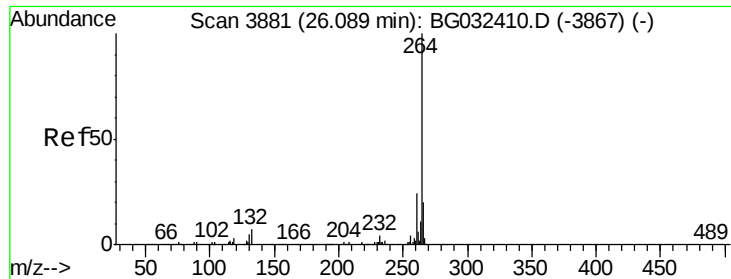


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3880
 Delta R.T. -0.00 min
 Lab File: BG032482.D
 Acq: 1 Feb 2018 2:48

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	22.8	17.7	26.5

